Touch-2100 Fan Controller

DATA SHEET

Date of issue: 2012/8/24

Version: A1.0

Revision Change History

Revision	Description of change	Date
A1.0	Original	2012/8/24

1. Product Introduction

As the next generation of Touch-2000, the new Touch-2100 also features a large LCD viewing area, not to mention the easy to use user interface that comes with seven color LCD backlight selection together with an upgrade from USB2.0 to 2 x USB3.0 ports.

The Touch-2100 fan controller is an easy to use fan controller that can support up to 25W per fan channel where the old fan controllers are capable of handling only max. 6W per channel. Touch-2100 is a big boost in its spec and more easy to use.

2. Features

Innovative "Touch" LCD technology
Support up to maximum 25W per fan channel
Monitors and controls 5 sets of temperature and fan speed individually
7 LCD backlight colors selection or turn off backlight completely
Switch between Celsius and Fahrenheit
Overheating alarm temperature warning
Fan working display
2 x USB3.0 , Mic & Headphone

3. USB

2 x USB3.0 connection (20-pins / blue cable)
2 x USB2.0 connection (10-pins / Red-white-green-black cable 5cm long)

4. Product Parameters

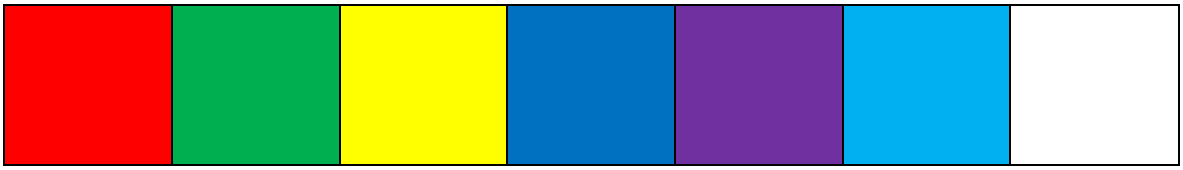
- Voltage Supply: +5V Range: 4.6~5.4V / +12V Range: 11.5V~12.5V
- Working Temperature: 0~50℃
- Storage Temperature: -10℃ ~ 60℃
- Humidity: 10% ~ 90%
- Fans used for each channel cannot be greater than 12V, 30W. When exceeding 30W, power will be shut off due to auto protection.

5. Product life

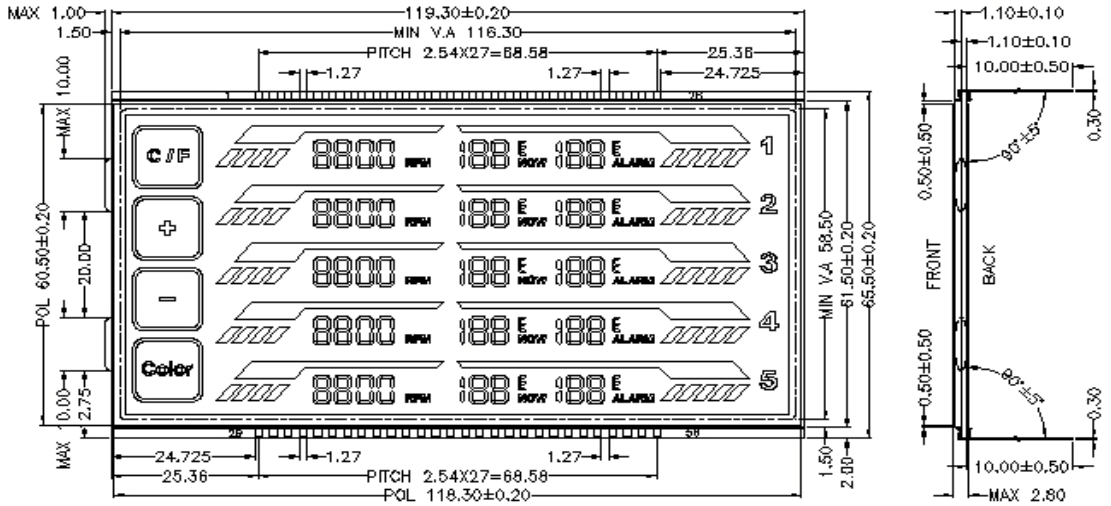
> 2 years estimated

6. Backlight colors

Red > Green > Yellow > Dark Blue > Purple > Light blue > White > Screen off > Back to Red

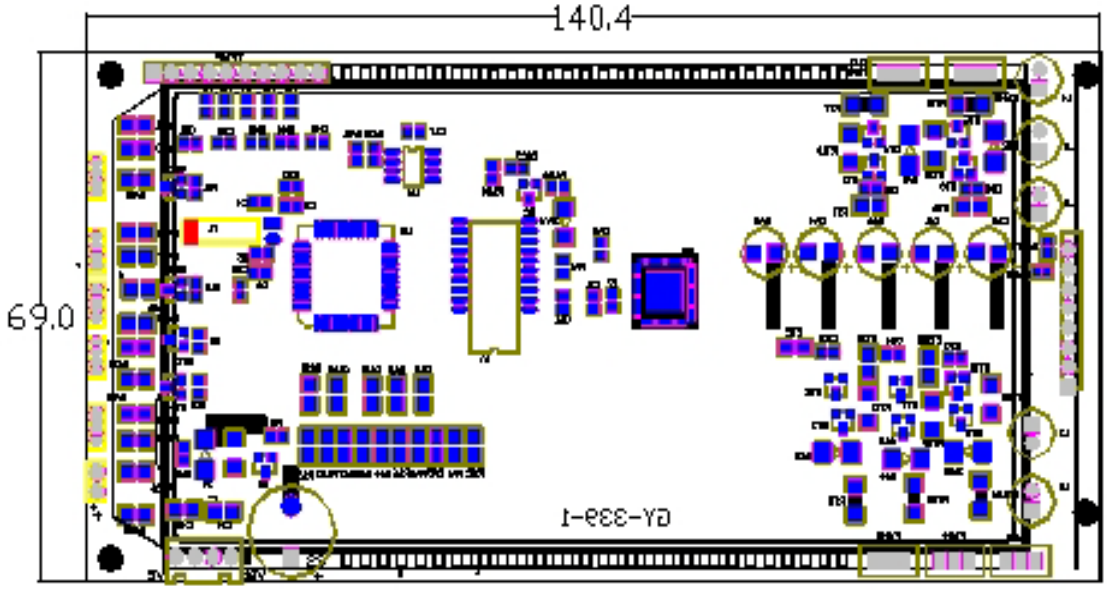


7. LCD drawing and graphic design

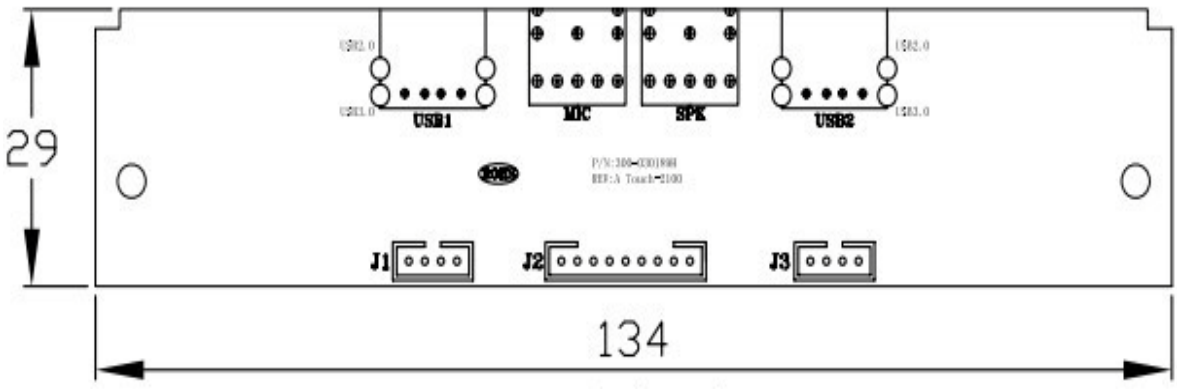


8. PCB Dimensions

Mainboard (note: Double sided PCB, 1.6mm thick, material: Fiber glass)

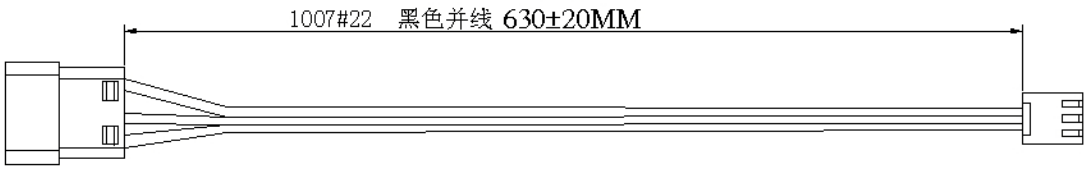


USB (note: unleaded PCB, 1.6mm thick, material: COM-1)

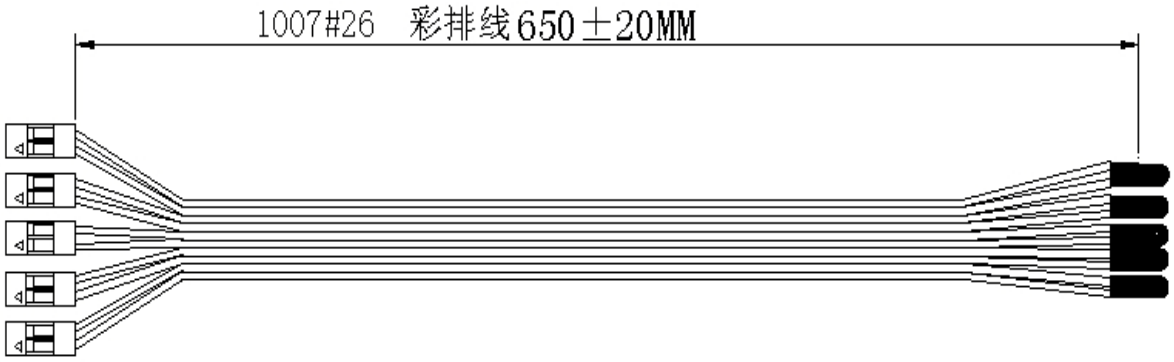


9. Cable Configuration

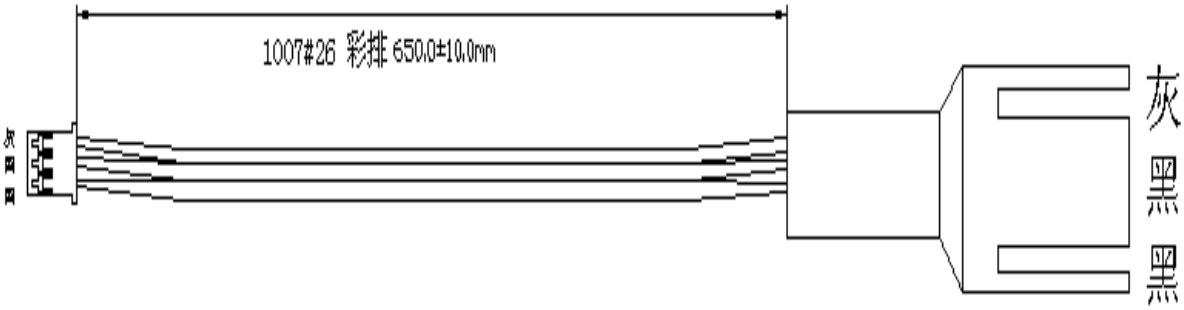
Power cable



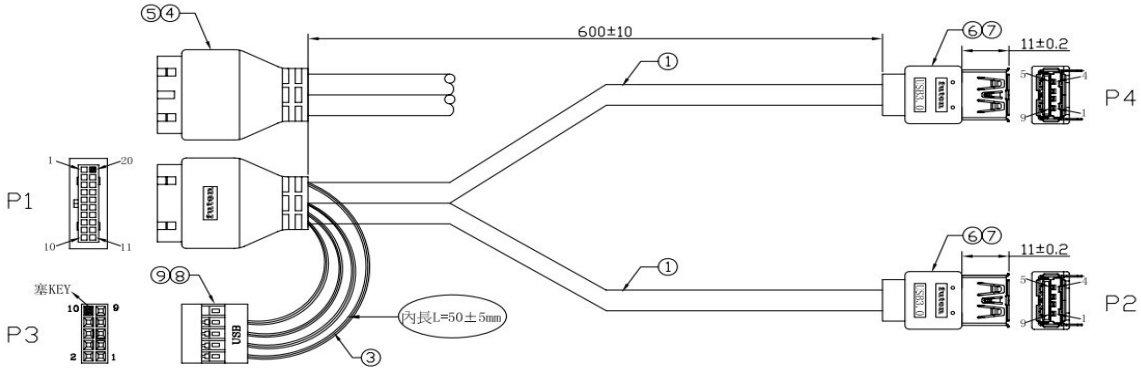
Sensor cable



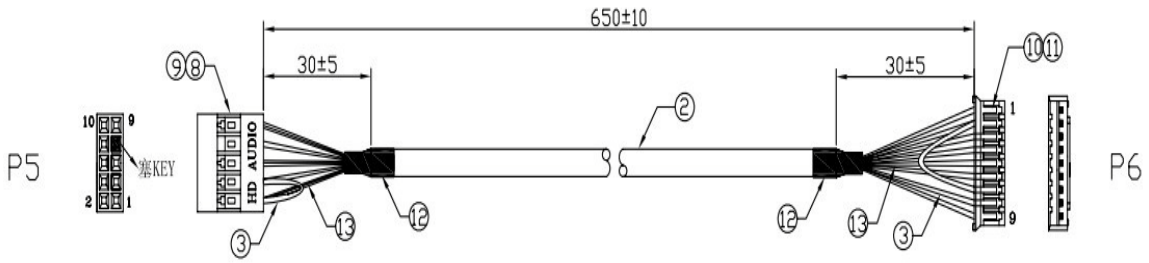
Fan cable



USB cable



Audio cable



10. Viewing angle